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PHYSICOMATHEMATICAL SCIENCES

For the Degree of Candidate in Sciences

- BAKIYEVICH, N. I. -- "Some Marginal Problems for Equations of Mixed Types in a Band and in a Semi-Plane." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1956.
- BEDNYAGIN, F. V. -- "Systems of Differential Equations Containing Small Factors in Their Derivatives." Min Higher Education USSR. Moscow Order of Lenin Aviation Inst imeni Sergo Ordzhonikidze. Moscow, 1956.
- VASIL'YEV, M. B. -- "On the History of the Electrodynamics of Moving Bodies (From Maxwell to Einstein)." Acad Sci USSR. Inst of the History of Natural Sciences and Technology. Moscow, 1956.
- DEMIDOVA, S. A. -- "The Application of the Theory of Integral Invariants of the Lee Group to Certain Problems of Integral Geometry." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy. Khar'kov, 1956.
- DOBROVOL'SKIY, V. A. -- "The Development of Mathematics in Kiev University from Its Foundation to 1917." Acad Sci USSR. Inst of the History of Natural Sciences and Technology. Moscow, 1956.
- KOLOTILOVA, V. G. -- "Non-Stationary Processes in a Semiconductor Layer Bounded by Two Electron-Perforated Shifts [Transistors?] in the Case of Small Disturbances to Thermodynamic Equilibrium." Physics Inst imeni P. N. Lebedev, Acad Sci USSR. Moscow, 1956.
- LUKINA, L. V. -- "The Problem of the Origin of the Atmospheric Electrical Field." Geophysics Inst, Acad Sci USSR. Moscow, 1956.
- LYAPIDEVSKIY, V. K. -- "Investigation of the Physical Processes in a Diffusion-Condensation Chamber." Min Higher Education USSR. Moscow Engineering-Physics Inst. Moscow, 1956.
- SIMONIYA, V. T. -- "A Representation of Semi-Prime Lee Algebras with Dimetric Maximal Soluble Sub-Algebras." Tbilisi State U imeni I. V. Stalin. Tbilisi, 1956.
- SOSINSKIY, M. L. -- "The Development and Investigation of a Low-Pressure Mercury Arc and Its Use in Studying the Reverse Isomerism of 1,2-Dichloroethane." Min Higher Education. Moscow Physicotechnical Inst. Moscow, 1956.
- SULTANOVA, Z. Z. -- "A Study of the Seismicity of the Territory of the Azerbaijani SSR." Acad Sci USSR. Geophysics Inst. Moscow, 1956.

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FEDOTOV, L. N. -- "Investigation of the Magnetic Saturation of Ferronickel Alloys in the Low-Temperature Range (77.3-20.4 degrees K.)." Moscow State U imeni M. V. Lomonosov. Moscow, 1956.

YUGOVA, G. A. -- "The Use of the Method of Integral Equations for Diffraction Problems." Moscow State U imeni M. V. Lomonosov. Physics Faculty. Chair of Mathematics. Moscow, 1956.

CHEMICAL SCIENCES

For the Degree of Doctor in Sciences

NAMETKIN, N. S. -- "Investigations of Organosilicon Compounds." Published by the Acad Sci USSR. Inst of Petroleum, Acad Sci USSR. Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. Moscow, 1956.

ROZLOVSKIY, A. I. -- "The Reaction Kinetics of Certain Gaseous Fuel Mixtures in a Flame and in the Pre-Flame Region, and the Structure of the Flame Front." Min Chemical Industry USSR. Order of Labor Red Banner Sci Res Physicochemical Inst imeni L. Ya. Karpov. Moscow, 1956.

For the Degree of Candidate in Sciences

ALEKSANDROVA, L. P. -- "The Pressure of a Saturated Pair of Ternary Stratified Systems: Formic Acid -- Water -- Dichloroethane and Formic Acid -- Water -- Benzol." Acad Sci Ukrainian SSR. Inst of Physical Chemistry imeni L. V. Pisarzhevskiy. Kiev, 1955.

DOROKHOVA, M. I. -- "Investigation of Certain Transformations of Simple Ethers of Styrol Halohydrins." All-Union Sci Res Chemicopharmaceutical Inst imeni S. Ordzhonikidze. Moscow, 1956.

IOSILEVICH, A. I. -- "Simultaneous Electroprecipitation of Cobalt and Nickel from Electrolytes Containing Various Anions." Published by the Acad Sci Uzbek SSR. Acad Sci Uzbek SSR. Inst of Chemistry. Tashkent, 1956.

IOFA, B. Z. -- "Measurements of the Pressure of Saturated Pairs of Certain Hard Metals and Their Alloys Using Radioactive Indicators." Moscow State U imeni M. V. Lomonosov. Chair of Inorganic Chemistry. Laboratory of Radiochemistry. Moscow, 1956.

KAZARNOVSKAYA, D. B. -- "The Equilibrium of the Reaction of Methanol Synthesis from Carbon Monoxide and Hydrogen at Elevated Pressure." Moscow State U imeni M. V. Lomonosov. Moscow, 1956.

KUZINA, L. S. -- "Isotope Exchange of Sulfur in Certain Derivatives of Dithiocarbamic Acids and Their Structure." Min Chemical Industry USSR. Order of Labor Red Banner Sci Res Physicochemical Inst imeni L. Ya. Karpov. Moscow, 1956.

SAZONOV, L. A. -- "Measurements of the Pressure of Saturated Pairs of Certain Solid Alkali Halides and Their Binary Mixtures Using the Method of Radioactive Indicators." Moscow State U imeni M. V. Lomonosov. Chair of Inorganic Chemistry. Laboratory of Radiochemistry. Moscow, 1956.

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FAYERSHTEYN, M. G. -- "The History of Development of the Doctrine of the Molecule in Chemistry up to 1860." Acad Sci USSR. Inst of the History of Natural Sciences and Technology. Moscow, 1956.

TSEKHANSKAYA, Yu. V. -- "Diffusion and Dissolution in Liquid Solutions in the Critical Region." Min Chemical Industry USSR. Order of Labor Red Banner Sci Res Physicochemical Inst imeni L. Ya. Karpov. Moscow, 1956.

GEOGRAPHICAL SCIENCES

For the Degree of Candidate in Sciences

BEREZINA, Yu. I. -- "Power Resources of the Chinese People's Republic and Their Utilization in the National Economy." Inst of Geography, Acad Sci USSR. Moscow, 1956.

LI KE-NIN -- "The Hydrological Regime and Calculation of the Run-Off of the Liso Ho River." Min Higher Education USSR. Leningrad Hydrometeorological Inst. Leningrad, 1956.

TARAKANOV, G. G. -- "Gale Winds in the Regions of the Reservoirs of the Volga-Don Transport System and the Possibility of Their Prognosis." Min Higher Education USSR. Leningrad Hydrometeorological Inst. Leningrad, 1956.

GEOLOGICOMINERALOGICAL SCIENCES

For the Degree of Candidate in Sciences

GRIBOVA, N. A. -- "The Stratigraphy, Lithology, and Problems of the Oil Content of the Cambrian Deposits of the Southeastern Portion of the Siberian Platform." Min Higher Education USSR. Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. Chair of General Geology. Moscow, 1956.

ZKHUS, I. D. -- "Argillaceous Minerals of the Lower Black-Coal Deposits of the Southwestern Portion of the Moscow Basin." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Geology Faculty. Chair of History and Regional Geology. Moscow, 1956.

ROMASHKEVICH, A. I. -- "Brown Forest Soils of Krasnodar Kray." Acad Sci USSR. Soil Inst imeni V. V. Dokuchayev. Moscow, 1956.

BIOLOGICAL SCIENCES

For the Degree of Candidate in Sciences

BOZINA, Ye. D. -- "A Comparative Study of the Biological and Economic-Utilitarian Features of Various Groups of Bees." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Soil Biology Faculty. Chair of Invertebrate Zoology. Ryzan', 1955.

VASIL'YEVA, I. M. -- "The Dynamics of Carotenoids in Red-Clover Leaves." Kazan' Order of Labor Red Banner State U imeni V. I. Ulyanov-Lenin. Kazan', 1955.

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VITGEFT, A. Ye. -- "The Effect of Phytocides of Coniferous Plants on the Causative Agent of Diphtheria." Min Health RSFSR. Leningrad Sanitary-Hygiene Medical Inst. Leningrad, 1956.

VITKOVSKAYA, V. V. -- "Biochemical Changes in the Ontogenesis of Spring Wheat." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1956.

DOLOTIKHINA, Z. G. -- "The Interrelationship between High Rye Grass and Its Components When It Is Introduced into the Field Grass Mixtures in Belgorod Oblast." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1956.

IL'INA, G. V. -- "The Effect of Soil Conditions and Fertilizers on the Growth and Development of Alfalfa on Sod-Podzolic Soils." Min Higher Education USSR. Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1956.

KASK, L. P. -- "The Effect of Trace Fertilizers on the Potato Harvest and Certain Biochemical Processes within the Potato on Peat-Bog Soils." Tartu State U. Tartu, 1956.

LESHCHINSKAYA, Sh. S. -- "Improving the Fermenting Properties of Yeasts under Production Conditions." Kiev State U imeni T. G. Shevchenko. Kiev, 1954.

MINDUBAYEV, Yu. Kh. -- "The Skeletotypy of the Spinal Cord and the Interconnection between the Spinal and Sympathetic Nerves of the Horse." Min Higher Education USSR. Kazan' State Veterinary Inst imeni N. E. Bauman. Kazan', 1955.

SALMANOVA, L. S. -- "The Effect of the Composition of the Medium on the Fermentation Activity of Productive Strains of Molds of the Family Aspergillaceae and Methods of Obtaining Purified Preparations of Pectinase." Moscow State U imeni M. V. Lomonosov. Moscow, 1955.

SLAVUTSKAYA, I. A. -- "Comparative Investigation of the Extensibility and Hardness of Muscles as an Index of Changes in Muscular Tonus." Moscow City Pedagogical Inst imeni V. P. Potemkin. Chair of Human and Animal Physiology. Moscow, 1956.

SHMIDT, Z. V. -- "The Effect of Caffeine on the Salivary Glands of the Dog." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of the Anatomy and Physiology of Men and Animals. Leningrad, 1956.

TECHNICAL SCIENCES

For the Degree of Doctor in Sciences

VOLSKIY, N. I. -- "The Workability of Metals by Grinding." Min Higher Education USSR. Moscow Machine-Tool and Tool Inst imeni I. V. Stalin. Moscow, 1956.

DEM'YANYUK, F. S. -- "The Technological Principles of Continuous and Automatic Production." Acad Sci USSR. Inst of Machine Science. Moscow, 1956.

KRISHTAL, M. A. -- "The Effect of Alloying Elements on the Kinetics and Mechanism of Graphitization of White Cast Iron." Min Higher

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Education USSR. Moscow Order of Labor Red Banner Inst of Steel imeni I. V. Stalin. Moscow, 1955.

PEREKAL'SKIY, N. P. -- "The Effect of Certain Additives on the Properties of Paper." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1956.

SNITKO, I. K. -- "Practical Methods of Calculating Complex Static Indeterminate Rod Systems." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1956.

For the Degree of Candidate in Sciences

AVDON'KIN, F. N. -- "Investigation of the Wear of Babbit Bearings Cast in Various Ways." Min Higher Education USSR. Moscow Automobile and Road Inst imeni V. M. Molotov. Moscow, 1955.

AKOPYAN, S. Ye. -- "Trends in the Development of Agricultural Power in the Mountain Regions of Armenia." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1956.

BAZYLEV, V. G. -- "Analysis of Methods of Camera Processing of Stereophotographs of Open-Pit Coal Mines Taken from the Ground (Normal Case)." Min Higher Education USSR. Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst. Leningrad, 1956.

VOLOBUYEV, I. V. -- "The Effect of Columbium on the Annealing Fragility of Manganese Steel." Min Higher Education Ukrainian SSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1956.

VORONIN, T. A. -- "Determination of the Contact Stresses Arising from the Rigid Attachment of Liners to a Shaft." Min Higher Education USSR. Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov. Moscow, 1956.

YEROFEYEVA, Ye. A. -- "Experimental Investigation of the Possibility of Regulating the Properties of Gas Concrete." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Chair of "Construction Materials." Moscow, 1956.

YESIPOV, P. P. -- "Investigation of the Basic Elements of Tooth Shape of Round, Flat Crosscut Saws." Min Higher Education. Moscow Forestry Engineering Inst. Moscow, 1956.

KONDRAT'YEV, M. A. -- "Investigation of the Problems of Rational Placement of Tractor Plows in a Horizontal Plane." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1956.

KOSENKOVA, A. S. -- "Investigation of the Effect of Plastifiers on the Technological Properties of Crude Mixtures and the Physicomechanical Properties of Vulcanizers Based on Divinyl-Styrol Rubber." Min Higher Education USSR. Moscow Inst of Fine Chemical Technology imeni M. V. Lomonosov. Moscow, 1956.

KOSHCHHEYEV, A. N. -- "Theoretical and Experimental Investigations of the Flow Around a Weir in a Parabolic Stream." Min River Fleet USSR. Pechora Basin Roads Administration. Pechora, 1954.

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- KRAVCHENKO, I. I. -- "The Methyl Ether of Ricinoleic Acid and Its Pyrolysis in Order to Obtain Undecylic Acid and Enanthol." Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev. Ufa, 1955.
- MALYSHEV, V. Ya. -- "Investigation of the Effect of the Parameters of the Pre-Combustion Chambers of the KDM-46 Engine When Operating According to the Gas-Fluid Process." Min Higher Education USSR. Chelyabinsk Inst of the Mechanization and Electrification of Agriculture. Chair of "Tractors and Automobiles." Chelyabinsk, 1956.
- MAL'CHENOK, V. O. -- "Investigation of Systems of Boring, on the Example of the Shock-Cable Boring Machines Used in the Mines of the Noril'sk Kombinat." Min Higher Education. Inst of Nonferrous Metals and Gold imeni M. I. Kalinin. Moscow, 1956.
- MATSYULYAVICHUS, D. A. -- "Stresses and Forces in a Transverse Shock." Acad Sci USSR. Inst of Machine Science. Moscow, 1955.
- MENES, V. G. -- "Investigation of the Method of Biothermic Decontamination of Urban Wastes." Published by the Min Communal Economy RSFSR. Academy of the Communal Economy imeni A. D. Pamfilov. Moscow, 1956.
- MILYAYEV, V. G. -- "Investigation of the Mechanism of Formation of End Losses with Radial Clearance in Compressor Gratings." Min Higher Education USSR. Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov. Moscow, 1956.
- NAZAROVA, A. I. -- "Comparative Investigation of Methods of Removing Potassium Tartrate from Wine Must." Min Higher Education Ukrainian SSR. Kiev Technological Inst of the Food Industry imeni A. I. Mikoyan. Kiev, 1956.
- NISNEVICH, A. I. -- "Investigation of the Wear Resistance of Parts of the Connecting-Rod Group of Tractor Motors during the Break-In Period Following Repair." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1956.
- PETRUK, V. Ya. --- "The Use of Scraper Equipment to Mechanize Slag-and-Cinder Removal in Industrial Boiler Plants." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1956.
- POLYNOVSKIY, Ya. L. -- "Theoretical and Experimental Investigation of Problems Connected with the Development of Systems of Regeneration in Stationary Gas-Turbine Equipment." Min Electric Power Stations USSR. All-Union Order of Labor Red Banner Heat Engineering Sci Res Inst imeni F. E. Dzerzhinskiy. Moscow, 1956.
- RADIN, S. Ye. -- "Investigation of the Operation of the Traction Motors of a Diesel Locomotive with Continuous Regulation of Excitation." Min Railways USSR. All-Union Sci Res Inst of Railroad Transport. Moscow, 1956.
- SVETINSKIY, Ye. V. -- "The Vibration Method of Deep Packing of Weak Water-Saturated Soils with Sand Poles." Min Construction USSR. Technical Administration. All-Union Sci Res Inst of Foundations. Moscow, 1956.

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- SKREZHENDEVSKIY, Ye. V. -- "Investigation of the Operation of Rotary Snowplows." Min Railways USSR. All-Union Sci Res Inst of Railroad Transport. Moscow, 1956.
- SOLOPENKOV, K. N. -- "A Continuous Process of Saponifying the Boric Ethers of Higher Aliphatic Alcohols with Simultaneous Extraction and Regeneration of Boric Acid." Min Higher Education USSR. Moscow Inst of Fine Chemical Technology imeni M. V. Lomonosov. Moscow, 1956.
- STEFANOVICH, V. I. -- "Investigation of the Effect of the Basic Parameters of Tractor Scrapers on the Effectiveness of the Process of Digging Soil." Min Higher Education Ukrainian SSR. Dnepropetrovsk Order of Labor Red Banner Mining Inst imeni Artem. Dnepropetrovsk, 1955.
- TREBIN, G. F. -- "Investigation of the Filtration of Fluids and Gases in a Porous Medium." All-Union Petroleum-Gas Sci Res Inst. Moscow, 1955.
- TROSHIN, L. P. -- "Automatic Control of the Specific Gravity of a Moving Water-Soil Mixture." Min Higher Education USSR. Moscow Inst of Chemical Machine Building. Moscow, 1956.
- TYLKIN, V. B. -- "The Commercial Evaluation of Ice Cream." Min Trade USSR. Moscow Inst of the National Economy imeni G. V. Plekhanov. Moscow, 1956.
- FISHMAN, Sh. I. -- "Large-Scale Photo-Theodolite Surveying in Railroad Work." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obratzov. Leningrad, 1956.
- KHATENEVER, I. M. -- "Methods of Increasing the Effectiveness of the Operation of a Combing Machine in the Treatment of Machine-Picked and Low-Quality Cotton." Min Higher Education USSR, Moscow Textile Inst. Moscow, 1956.
- KEACHATRYAN, Kh. A. -- "Investigation of Soil Deformations in Plowing on Hillsides." Min Higher Education USSR. Armenian Agricultural Inst. Yerevan, 1955.
- CHAPKA, A. M. -- "The Problem of Calculating Graduated Rods under Linear Shock." Min Higher Education USSR. Moscow Order of Labor Red Banner Inst of Steel imeni I. V. Stalin. Moscow, 1956.

AGRICULTURAL SCIENCES

For the Degree of Doctor in Sciences

- NEUNYLOV, B. A. -- "The Theory and Practice of Increasing the Fertility of the Soil of Rice Fields in Primor'ye Kray." Acad Sci USSR. Soil Inst imeni V. V. Dokuchayev. Moscow, 1956.
- YUDIN, V. M. -- "Methods of Breeding Black Karakul Sheep." Min Agriculture USSR. All-Union Sci Res Inst of Animal Husbandry. Moscow, 1956.

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For the Degree of Candidate in Sciences

ANDRIYENKO, G. I. -- "The Use of Pot Seedlings for Growing Cucumbers in Open and Heated Soils of the Forest Steppe Region of the Ukrainian SSR." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. Khar'kov, 1956.

BARANNIKOV, P. V. -- "Sowing Times and Methods of Growing Perennial Grasses in the Humid Region of Krasnodar Kray." Min Higher Education USSR. Kuban' Agricultural Inst. Krasnodar, 1956.

BESPALOV, N. F. -- "The Physical Properties of Light Serozems and Their Improvement through Cultivating Grasses under Crop Rotation." Kazakh Affiliate, All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. Sci Res Inst of Farming imeni Academician V. R. Vil'yams. Tashkent, 1956.

BOROZENETS, A. F. -- "Problems of the Selection and Agricultural Engineering of Vetchling in the Northern Steppe Region of the Ukrainian SSR." Min Higher Education Ukrainian SSR. Belaya Tserkov' Agricultural Inst. Belaya Tserkov', 1956.

VERESENKO, K. I. -- "Enriching Silage with Organic Nitrogenous Substances." Min Higher Education USSR. Ukrainian Order of Labor Red Banner Agricultural Academy. Kiev, 1955.

VERESHCHAKA, A. I. -- "The Selection of Starting Forms of Beans in Order to Select New Types for the Southern Part of the Ukrainian SSR." All-Union Order of Labor Red Banner Selection and Genetics Inst imeni T. D. Lysenko. Odessa, 1956.

VOLOVIK, M. B. -- "Horses of the Baykal Region and Methods of Improving Them." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.

DEDYUKOV, I. I. -- "The Growth and Development of Calves from Highly Productive Cows at Various Levels of Nitrogen Nutrition." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1956.

YELOVSKAYA, L. G. -- "The Chemical Composition of Certain Fodder Plants of Central Yakutiya in Connection with Soil Conditions." Acad Sci USSR. Soil Inst imeni V. V. Dokuchayev. Yakutsk, 1955.

ZAPOROZHCHENKO, A. L. -- "Work on Certain Problems of the Agricultural Engineering of Sunflowers for the Irrigated Conditions of Kuybyshev Oblast." Min Higher Education USSR. Kuban' Agricultural Inst. Published by "Sovetskiy Kuban'." Krasnodar, 1956.

KALACHEV, G. V. -- "Increasing the Milk Productivity of Cows on the Kolkhozes of Kashpireskiy Rayon, Moscow Oblast." Moscow Veterinary Academy. Min Higher Education USSR. Moscow, 1956.

KASK, R. P. -- "Water Erosion of the Soils in the Estonian SSR and the Outlook for Combating It." Acad Sci Estonian SSR. Department of Biological, Agricultural, and Medical Sciences. Tallin, 1955.

KRASIL'NIKOVA, L. N. -- "The Effectiveness of Hybridization in Swine Raising." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.

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- KRIGER, R. E. -- "The System of Irrigating and Agricultural Utilization of Estuaries of the Trans-Volga Region." Min Agricultura USSR. All-Union Sci Res Inst of Hydraulic Engineering and Soil Improvement. Moscow, 1955.
- LEPAYE, [ЛЕПАЙЫЭ], L. K. -- "Methods of Increasing the Viability of Hens of the Pervomayskiy Breed." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1956.
- LICHIKAKI, V. M. -- "The Frost Resistance of Winter Wheat under the Field Conditions of the Left-Bank Portion of the Ukrainian SSR." Min Higher Education USSR. Belaya Tserkov' Agricultural Inst. Kiev, 1956.
- OMIROV, D. K. -- "Germination and Size of Sunflower Seeds as Indexes of Their Harvest Qualities." Min Higher Education USSR. Kuban' Agricultural Inst. Published by "Sovetskiy Kuban'." Krasnodar, 1956.
- POPOV, V. N. -- "Aspects of the Growth and Development of Apple Seedlings when Grown in Nurseries on Various Types of Stock." Min Higher Education USSR. Voronezh Agricultural Inst. Voronezh, 1956.
- SINNIKOV, A. S. -- "Pine Plantations in Arkhangel'sk Oblast." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1956.
- TRIBULKIN, P. T. -- "Black-Mottled Cattle of Western Siberia and Their Further Perfection." All-Union Sci Res Inst of Animal Husbandry. Moscow-Novosibirsk, 1956.
- FEDOROV, N. I. -- "The Productivity and Technical Properties of Forest Plantings of Newly Introduced Softwoods and Ordinary Pines in the Belorussian SSR." Min Higher Education USSR. Belorussian Forestry Engineering Inst imeni S. M. Kirov. Minsk, 1956.
- FILATOV, N. K. -- "The Development of Procedures to Accelerate the Ripening of Lupine Seeds." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- FILIPPOVA, A. P. -- "The Composition and Certain Physicochemical Properties of the Milk of Cows Afflicted with Uterine Diseases." Moscow Veterinary Academy. Min Higher Education USSR. Moscow, 1956.
- CHERNEGA, A. N. -- "Investigation of the Root Systems of Certain Woody Plants in Connection with the Uprooting of Forest Clearings and the Subsequent Working of the Soil." Min Higher Education USSR. Ukrainian Order of Labor Red Banner Agricultural Academy. Kiev, 1956.
- SHUTOV, I. V. -- "Chemicals in the Fight against Undesirable Woody Plants in Forestry." Min Agriculture USSR. All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Plant Conservation. Leningrad, 1956.
- YAKUSHENKO, I. K. -- "The Forest-Growth Conditions of the Sands of Poles'ye and Principles of Their Afforestation." Acad Sci Belorussian SSR. Inst of Socialist Agriculture. Minsk, 1956.

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VETERINARY SCIENCES

For the Degree of Doctor in Sciences

LAVRENT'YEV, P. A. -- "The Epizootiology and Attempts at Liquidation of Su-Aura among Agricultural Animals in the Kara-Kalpak ASSR." All-Union Inst of Experimental Veterinary Medicine, Min Agriculture USSR. Tashkent, 1956.

For the Degree of Candidate in Sciences

BOGDANOV, A. G. -- "The Epizootiology of Important Helminthoses of Sheep in the Buryat-Mongol ASSR and Measures to Combat Them." Min Agriculture USSR. All-Union Inst of Helminthology imeni Academician K. I. Skryabin (VIGIS). Moscow, 1956.

NOVOSHINOV, G. P. -- "Material on the Study of the Physical Properties of the Horny Material of the Hoof in Healthy Horses and Those Afflicted with Pododermatitis." Min Higher Education USSR. Kazan' State Veterinary Inst imeni N. E. Bauman. Kazan', 1955.

CHEREMISIN, G. G. -- "The Treatment of Inflammation of the Lungs of Calves with Oxanal Preparation." Min Higher Education USSR. Yerevan Zooveterinary Inst. Yerevan, 1955.

MEDICAL SCIENCES

For the Degree of Doctor in Sciences

KRAVITSKAYA, P. S. -- "Aspects of the Regulation of the Function of the Digestive Center and Digestion in Very Young Children in Connection with the First Feeding of the Newborn Child." Acad Med Sci USSR. Moscow, 1956.

LEBEDEV, F. F. -- "Variability of the Intestinal Bacillus under the Influence of Leukocytes in Cultures." State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov. Chair of Microbiology. Leningrad, 1956.

LOBOVA, T. A. -- "Bacteriological, Serological, and Experimental Investigations in Scleroma." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1956.

SHLYKOV, A. A. -- "Parabasilar Firearm Wounds Penetrating the Skull." Acad Med Sci USSR. Moscow, 1956.

For the Degree of Candidate in Sciences

ABAKAROV, U. A. -- "Sources of Infection and Methods of Transmission of Bacterial Dysentery under Housing Conditions among Children up to Three Years of Age." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1956.

ABULADZE, M. M. -- "Material on the Clinical Aspects and Treatment of Tuberculous Peritonitis." Tbilisi State Medical Inst. Georgian State Publishing House for Medical Literature. Tbilisi, 1955.

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- AKIYEV, A. -- "Tropical Malaria in the Turkmen SSR (The Epidemiology and the Organization of Anti-Malarial Measures)." Turkmen State Medical Inst imeni I. V. Stalin. Ashkhabad, 1956.
- ALEKSEYCHIK, N. I. -- "The Effect of Minsk Mineral Water from Drilled Well No 2 on the Secretary and Evacuation Functions of the Stomach of the Dog." Minsk State Medical Inst. Minsk, 1956.
- ANAPIOSYAN, Kh. A. -- "Comparative Evaluation of the Treatment of Varicose Dilation of the Veins with Certain Phlebosclectomizing Substances." Yerevan State Medical Inst. Yerevan, 1955.
- ANDREYEVSKIY, V. M. -- "The Epidemiological Characteristics of Diphtheria in the Period of Low and High Infection Rates." Min Health RSFSR. Leningrad Sanitary-Hygiene Medical Inst. Chair of Epidemiology. Leningrad, 1956.
- BAYGUZOV, G. G. -- "Material on the Problem of the Functional State of the Liver in Patients Suffering from Psoriasis." Min Health RSFSR. Saratov State Medical Inst. Saratov, 1956.
- BAKHTIYAROVA, Kh. Kh. -- "The Stability of Endometrium in Cases of Uterine Prolapse." Min Health RSFSR. Bashkir State Medical Inst imeni XVth Anniversary of VLKSM. Ufa, 1956.
- BASHKARDINA, K. V. -- "Material on the Comparative Evaluation of Indexes of Immunoreactivity of the Organism in Dysentery Patients with Various Methods of Treatment." First Moscow Order of Lenin Medical Inst imeni I. M. Sechenov. Moscow, 1956.
- BIKMULLINA, M. M. -- "The Macroscopic Structure and Innervation of the Muscles of the Posterior Surface of the Lower Leg." Bashkir State Medical Inst imeni XVth Anniversary VLKSM. Ufa, 1955.
- VARTAPETYAN, P. A. -- "Protein and Nitrogen Metabolism in the Active Phase of Rheumatism." Yerevan State Medical Inst. Yerevan, 1955.
- VLODAVETS, V. V. -- "Certain Colloid-Chemical Properties of a Bacterial Aerosol." Military Faculty, Central Inst for the Advanced Training of Physicians. Moscow, 1956.
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